



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
 United States Patent and Trademark Office
 Address: COMMISSIONER FOR PATENTS
 P.O. Box 1450
 Alexandria, Virginia 22313-1450
 www.uspto.gov

BIBDATASHEET

Bib Data Sheet

CONFIRMATION NO. 6117

SERIAL NUMBER 10/678,738	FILING DATE 10/02/2003 RULE	CLASS 175	GROUP ART UNIT 3672	ATTORNEY DOCKET NO. WEAT/0524
-----------------------------	---------------------------------------	--------------	------------------------	----------------------------------

APPLICANTS

William Banning Vail III, Bothell, WA;

James E. Chitwood, Houston, TX;

** CONTINUING DATA *****

This application is a CON of 10/162,302 06/04/2002
 which is a CIP of 09/487,197 01/19/2000 PAT 6,397,946
 which is a CIP of 09/295,808 04/20/1999 PAT 6,263,987
 which is a CIP of 08/708,396 09/03/1996 PAT 5,894,897
 which is a CIP of 08/323,152 10/14/1994 PAT 5,551,521
 and said 10/162,302 06/04/2002
 claims benefit of 60/313,654 08/19/2001
 and claims benefit of 60/353,457 01/31/2002
 and claims benefit of 60/367,638 03/26/2002
 and claims benefit of 60/384,964 06/03/2002

** FOREIGN APPLICATIONS *****

IF REQUIRED, FOREIGN FILING LICENSE GRANTED

** 12/23/2003

Foreign Priority claimed <input type="checkbox"/> yes <input checked="" type="checkbox"/> no	STATE OR COUNTRY WA	SHEETS DRAWING 1	TOTAL CLAIMS 46	INDEPENDENT CLAIMS 6
35 USC 119 (a-d) conditions met <input type="checkbox"/> yes <input checked="" type="checkbox"/> no <input type="checkbox"/> Met after Allowance				
Verified and Acknowledged Examiner's Signature Initials				

ADDRESS

William B. Patterson
 MOSER, PATTERSON & SHERIDAN, L.L.P.
 Suite 1500
 3040 Post Oak Blvd.
 Houston, TX
 77056

TITLE

Method and apparatus for cementing drill strings in place for one pass drilling and completion of oil and gas wells